



TIMO practice: Making even and odd numbers (with solutions)

12 problems · Grade 1, 2, 3 · answers and solutions at the end

Name _____

Date _____



Practise this type in the Karotto app, with questions read aloud and hints when stuck. Scan the code or visit playkarotto.com

Grade 1

- 1 Using the digits 5, 6, 2, how many odd numbers with 2 different digits can you make?

5 6 2

Answer: _____

- 2 Using the digits 6, 5, 9, how many odd numbers with 2 different digits can you make?

6 5 9

Answer: _____

- 3 Using the digits 6, 4, 9, how many even numbers with 2 different digits can you make?

6 4 9

Answer: _____

- 4 Using the digits 5, 7, 2, how many odd numbers with 2 different digits can you make?

5 7 2

Answer: _____

Grade 2

- 5 Using the digits 3, 1, 6, 0, how many numbers with 2 different digits can you make that can be divided exactly by 5?

3 1 6 0

Answer: _____

- 6 Using the digits 5, 8, 0, 4, how many numbers with 2 different digits can you make that can be divided exactly by 5?

5 8 0 4

Answer: _____

- 7 Using the digits 1, 4, 7, 9, how many even numbers with 2 different digits can you make?

1 4 7 9

Answer: _____

- 8 Using the digits 0, 3, 4, 7, how many even numbers with 2 different digits can you make?

0 3 4 7

Answer: _____

Grade 3

- 9 Using the digits 2, 7, 4, 5, how many odd numbers with 3 different digits can you make?

2 7 4 5

Answer: _____

- 10 Using the digits 4, 9, 6, 0, how many odd numbers with 3 different digits can you make?

4 9 6 0

Answer: _____

- 11 Using the digits 6, 0, 9, 1, how many odd numbers with 3 different digits can you make?

6 0 9 1

Answer: _____

- 12 Using the digits 5, 2, 1, 4, how many numbers with 3 different digits can you make that can be divided exactly by 5?

5 2 1 4

Answer: _____

Answers and solutions: Making even and odd numbers

1. Answer: 2 · Grade 1

How to think: An odd number ends in 1, 3, 5, 7 or 9. Choose the ones digit first.

Solution: An odd number ends in 1, 3, 5, 7 or 9. The numbers are: 25, 65. That makes 2 numbers.

2. Answer: 4 · Grade 1

How to think: An odd number ends in 1, 3, 5, 7 or 9. Choose the ones digit first.

Solution: An odd number ends in 1, 3, 5, 7 or 9. The numbers are: 59, 65, 69, 95. That makes 4 numbers.

3. Answer: 4 · Grade 1

How to think: An even number ends in 0, 2, 4, 6 or 8. Choose the ones digit first.

Solution: An even number ends in 0, 2, 4, 6 or 8. The numbers are: 46, 64, 94, 96. That makes 4 numbers.

4. Answer: 4 · Grade 1

How to think: An odd number ends in 1, 3, 5, 7 or 9. Choose the ones digit first.

Solution: An odd number ends in 1, 3, 5, 7 or 9. The numbers are: 25, 27, 57, 75. That makes 4 numbers.

5. Answer: 3 · Grade 2

How to think: A number you can divide exactly by 5 ends in 0 or 5. Choose the ones digit first.

Solution: A number you can divide exactly by 5 ends in 0 or 5. The numbers are: 10, 30, 60. That makes 3 numbers.

6. Answer: 5 · Grade 2

How to think: A number you can divide exactly by 5 ends in 0 or 5. Choose the ones digit first.

Solution: A number you can divide exactly by 5 ends in 0 or 5. The numbers are: 40, 45, 50, 80, 85. That makes 5 numbers.

7. Answer: 3 · Grade 2

How to think: An even number ends in 0, 2, 4, 6 or 8. Choose the ones digit first.

Solution: An even number ends in 0, 2, 4, 6 or 8. The numbers are: 14, 74, 94. That makes 3 numbers.

8. Answer: 5 · Grade 2

How to think: An even number ends in 0, 2, 4, 6 or 8. Choose the ones digit first.

Solution: An even number ends in 0, 2, 4, 6 or 8. The numbers are: 30, 34, 40, 70, 74. That makes 5 numbers.

9. Answer: 12 · Grade 3

How to think: An odd number ends in 1, 3, 5, 7 or 9. Choose the ones digit first.

Solution: An odd number ends in 1, 3, 5, 7 or 9. The numbers are: 245, 247, 257, 275, 425, 427, 457, 475, 527, 547, 725, 745. That makes 12 numbers.

10. Answer: 4 · Grade 3

How to think: An odd number ends in 1, 3, 5, 7 or 9. Choose the ones digit first.

Solution: An odd number ends in 1, 3, 5, 7 or 9. The numbers are: 409, 469, 609, 649. That makes 4 numbers.

11. Answer: 8 · Grade 3

How to think: An odd number ends in 1, 3, 5, 7 or 9. Choose the ones digit first.

Solution: An odd number ends in 1, 3, 5, 7 or 9. The numbers are: 109, 169, 601, 609, 619, 691, 901, 961. That makes 8 numbers.

12. Answer: 6 · Grade 3

How to think: A number you can divide exactly by 5 ends in 0 or 5. Choose the ones digit first.

Solution: A number you can divide exactly by 5 ends in 0 or 5. The numbers are: 125, 145, 215, 245, 415, 425. That makes 6 numbers.
